PTO/SB/21 (09-04)

$\angle PE$		•	Application Number	10/811,228
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⁰	-05 ON	FORM	First Named Inventor	GIFFORD, HANSON
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		mittal Form	Drawing(s) Licensing-related Papers	After Allowance Communication to TC Appeal Communication to Board
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•	Amendme	nt/Reply	Petition Petition to Convert to a	(Appeal Notice, Brief, Reply Brief)
	L Af	ter Final	Provisional Application	Proprietary Information
	Afi	fidavits/declaration(s)	Power of Attorney, Revocation Change of Correspondence	on Status Letter
·	Extension	of Time Request	Terminal Disclaimer	Other Enclosure(s) (please identify below):
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-		SIGNA	TURE OF APPLICANT, ATTO	RNEY, OR AGENT
-	Firm Name	Townsend and Towns	send and Crew LLP	
ľ	Signature	X		
	Printed name	James M. Heslin		·
	Date	July <u>19</u> ,2005	Reg	. No. 29,541
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7-20-2005

TOWNSEND and TOWNSEND and CREW LLP

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

GIFFORD et al.

Application No.: 10/811,228

Filed: March 26, 2004

For: METHODS AND APPARATUS FOR TREATMENT OF PATENT

FORAMEN OVALE

Examiner: Unassigned

Art Unit: 3738

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT UNDER 37

CFR §1.97 and §1.98

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

The references cited on attached form PTO/SB/08A and PTO/SB/08B are being called to the attention of the Examiner. Copies of the references [in compliance with the requirements of 1287 OG 163] are enclosed. It is respectfully requested that the cited references be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

As provided for by 37 CFR 1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no

GIFFORD et al.

Application No.: 10/811,228

Page 2

representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

Applicant believes that <u>no fee is required</u> for submission of this statement.

However, if a fee is required, the Commissioner is authorized to deduct such fee from the undersigned's Deposit Account No. 20-1430. Please deduct any additional fees from, or credit any overpayment to, the above-noted Deposit Account

Respectfully submitted,

James M. Heslin Reg. No. 29,541

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Tel: 650-326-2400 Fax: 650-326-2422

JMH:tfw 60539978 v1

Substitute for form 1449A/PV-0 Complete if Known **Application Number** 10/811,228 INFORMATION DISCUSS March 26, 2004 Filing Date STATEMENT BY APPLICANT First Named Inventor GIFFORD, HANSON **Art Unit** 3738 (use as many sheets as necessary) **Examiner Name** Unassigned Sheet of 6 **Attorney Docket Number** 022128-000400US

		Document Number			· ·
Examiner Initials*	Cite No. ¹	Number Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	1	2,275,167	03-03-1942	Bierman	
	2	2,888,928	06-02-1959	Seiger	
	3	3,490,442	01-20-1970	Streu	
	4	3,906,955	09-23-1975	Roberts	
	5	4,307,720	12-29-1981	Weber, Jr.	
	6	4,326,529	04-27-1982	Doss et al.	
	7	4,473,077	09-25-1984	Noiles et al.	
•	8	4,485,817	12-04-1984	Swiggett	
	9	4,562,838	01-07-1986	Walker	
	10	4,682,596	07-28-1987	Bales et al.	
	11	4,884,567	12-05-1989	Elliot et al.	
	12	4,911,159	03-27-1990	Johnson et al.	
	13	4,919,129	04-24-1990	Weber, Jr. et al	
	14	4,976,711	12-11-1990	Parins et al.	
	15	4,986,889	01-22-1991	Charamathieu et al.	
	16	5,042,707	08-27-1991	Taheri ,	
	17	5,055,100	10-08-1991	Olsen	•
	18	5,057,107	10-15-1991	Parins et al.	
	19	5,071,418	12-10-1991	Rosenbaum	
	20	5,078,717	01-07-1992	Parins et al.	
	21	5,099,827	03-31-1992	Melzer et al.	
	22	5,125,928	06-30-1992	Parins et al.	
	23	5,156,608	10-20-1992	Troidl et al.	
	24	5,171,311	12-15-1992	Rydell	
	25	5,195,959	03-23-1993	Smith	
	26	5,196,007	03-23-1993	Ellman et al.	
	27	5,197,963	03-30-1993	Parins	
	28	5,209,756	05-11-1993	Seedhom et al.	
	29	5,295,955	03-22-1994	Rosen et al.	-
	30	5,336,252	08-09-1994	Cohen	
	31	5,342,413	08-30-1994	Hirschberg et al.	
	32	5,345,935	09-13-1994	, Hirsch	
	33	5,505,730	04-09-1996	Edwards	
	34	5,665,109	09-09-1997	Yoon	
	35	5,730,742	03-24-1998	Wojciechowicz	
-	36	5,782,899	07-21-1998	Imran	
	37	5,814,065	09-29-1998	Diaz	
-	38	5,846,196	12-08-1998	Siekmeyer et al.	
	39	5,855,312	01-05-1999	Toledano	
	40	5,871,443	02-16-1999	Edwards et al.	
	41	5,944,738	08-31-1999	Amplatz et al.	

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Substitute for form 1449A/PTO	Complete if Known		
	Application Number	10/811,228	
INFORMATION DISCLOSURE	Filing Date	March 26, 2004	
STATEMENT BY APPLICANT	First Named Inventor	GIFFORD, HANSON	
·	Art Unit	3738	
(use as many sheets as necessary)	Examiner Name	Unassigned	
Sheet 2 of 6	Attorney Docket Number	022128-000400US	

		Document Number	Dublication Date	No. of Barrier	
Examiner Initials*	Cite No. ¹	Number Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	42	5,972,023	10-26-1999	Tanner et al.	
	43	5,972,024	10-26-1999	Northrup, III et al.	
	44	6,004,316	12-21-1999	Laufer	
	45	6,036,699	03-14-2000	Andreas et al.	
	46	6,149,660	11-21-2000	Laufer et al.	
	47	6,156,032	12-05-2000	Lennox	
	48	6,290,674	09-18-2001	Roue et al.	
	49	6,419,669	07-16-2002	Frazier et al.	
	50	6,436,088	08-20-2002	Frazier et al.	
	51	6,456,865	09-24-2002	Samson	
	52	6,458,100	10-01-2002	Roue et al.	
	53	6,514,250	02-04-2003	Jahns et al.	
	54	6,558,314	05-06-2003	Adelman et al.	
	55	6,584,360	06-24-2003	Francischelli et al.	
	56	6,589,237	07-08-2003	Woloszko	
	57	6,606,523	08-12-2003	Jenkins	
	58	6,641,604	11-04-2003	Adelman	
	59	6,645,202	11-11-2003	Pless et al.	
	60	6,645,225	11-11-2003	Atkinson	
	61	6,648,897	11-18-2003	Hamilton	
	62	6,652,518	11-25-2003	Wellman	
	63	6,669,693	12-30-2003	Friedman	
	64	6,682,546	01-27-2004	Amplatz	
	65	6,712,804	03-30-2004	Roue et al.	
	66	6,712,836	03-30-2004	Berg et al.	
	67	6,716,211	04-06-2004	Mulier et al.	
	68	6,730,108	05-04-2004	Van Tassel et al.	
	69	6,736,810	05-18-2004	Hoey et al.	
	70	6,755,790	06-29-2004	Stewart et al.	
	71	6,790,218	09-14-2004	Jayaraman	
	72	6,846,319	01-25-2005	Ginn et al.	
	73	6,887,238	05-03-2005		
	74	2002/0143322	10-03-2002	Haghighi	
	75	2003/0028189	02-06-2003	Woloszko et al.	
	76	2003/0065364	04-03-2003	Wellman et al.	
	77	2003/0069570	04-10-2003	Witzel	
	78	2003/0003570	06-26-2003	Bertolero et al.	
	79	2003/0144694	07-31-2003	Chanduszko et al.	<u> </u>
	80	2003/0225421	12-04-2003	Peavey et al.	
	81	2003/0223421	12-18-2003	Whayne et al.	
	82	2004/0098031	05-20-2004	Van der Burg et al.	
Examiner Signature				Date Considered	

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For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

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				Application Number	10/811,228			
INFO	DRMATION	I DI	SCLOSURE	Filing Date .	March 26, 2004			
STA	TEMENT E	BY A	PPLICANT	First Named Inventor	GIFFORD, HANSON			
				Art Unit	3738			
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Sheet	3	of	6	Attorney Docket Number	022128-000400US			

			U.S. PATENT DO	CUMENTS+	
		Document Number			`
Examiner Initials*	Cite No. ¹	Number Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	83	2004/0098042	05-20-2004	Devellian et al.	
	84	2004/0102721	05-27-2004	Mckinley	
	. 85	2004/0143292	07-22-2004	Marino et al.	·
	86	2004/0153057	08-05-2004	Davison	
	87	2004/0153098	08-05-2004	Chin et al.	
•	88	2004/0176799	09-09-2004	Chanduszko et al.	
	89	2004/0220596	11-04-2004	Frazier et al.	
	90	2004/0249398	09-04-2004	Ginn	
	91	2005/0021059	01-27-2005	Cole et al.	
	92	2005/0033288	02-10-2005	Auth et al.	
	93	2005/0033327	02-10-2005	Gainor et al.	
	94	2005/0055050	03-10-2005	Alfaro	
	95	2005/0065506	03-24-2005	Phan	
	96	2005/0065509	03-24-2005	Coldwell et al.	
	97	2005/0070923	03-31-2005	McIntosh	
	98	2005/0119675	06-02-2005	Adams et al.	
	99	RE33925	05-12-1992	Bales et al.	

				FOREIGN PA	TENT DOCUME	ENTS		-
Examiner	Cite	Foreign Patent Document			Publication Date	Name of Patentee or	Pages, Columns, Lines, Where Relevant	
Initials*	No. ¹	Country Code ³	Number ⁴	Kind Code ⁵ (if known)	MM-DD-YYYY	Applicant of Cited Document	Passages or Relevant Figures Appear	T ⁶
	100	EP	135840	A2	04-13-1985	Nellcor Incorp.		
	101	EP	199694	A2	10-29-1986	Astra-Tech Aktiebolag		
	102	EP .	0265532	. A1	05-04-1988	Fukuda Denshi Co. Ltd	•	
	103	EP	0375556	A1 ⁻	06-27-1990	Stmi Soc Tech Milieu Ionisant		⋈
· -	104	EP.	0428812	A1	05-29-1991	Consiglio Nazionale Delle Ricerche		
	105	EP	0947165	A1	10-06-1999	Nissho KK		
	106	GB	1260919		01-19-1972	Spitalul Clinic De Obstetrica Si Ginecolo- Gie Polizu		
	107	GB	1550676		08-15-1979	Victers Ltd		
	108	GB	2 359 024	Α	08-15-2001	Anson Medical Inc		

Examiner Signature	Date Considered	

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	•			Application Number	10/811,228		
INFO	DRMATION	I DIS	SCLOSURE	Filing Date	March 26, 2004		
STA	TEMENT E	BY A	PPLICANT	First Named Inventor	GIFFORD, HANSON		
				Art Unit	3738		
	(use as many sheets as necessary)			Examiner Name	Unassigned		
Sheet	4	of	6	Attorney Docket Number	022128-000400US		

				FOREIGN PA	TENT DOCUM	ENTS		
Examiner Initials*	Cite No.1	Country Code ³	oreign Patent Docu Number ⁴	Iment Kind Code ⁵ (<i>if known</i>)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
	109	wo	85/00018	A1	01-03-1985	Medical Developments Limited		
	110	wo	90/04352	A1	05-03-1990	Nellcor Incorp.		
	111	wo	91/15996	A1	10-31-1991	Egnell Ameda Limited		
	112	wo	92/04864	A1	04-02-1992	Merwe Marius V D		
	113	wo	93/05705	A1	04-01-1993	Surgic-Raft Limited		
	114	wo	93/15791	A1	08-19-1993	Dimed Inc.		
	115	wo	94/00178	A1	01-06-1994	Schneider USA Inc.		
	116	wo	99/18862	A1	04-22-1999	Hearten Medical Inc.		
	117	wo	99/18864	A1	04-22-1999	Hearten Medical Inc.		
	118	wo	00/07506	A2	02-17-2000	Anson Medical Ltd		
	119	wo	00/09027	A1	02-24-2000	Keravision, Inc.		
	120	wo	01/78596	A1	10-25-2001	Appriva Medical Inc	•	
	121	wo	03/022159	A1	03-20-2003	Core Medical Inc		
	122	wo	03/022160	A1	03-20-2003	Core Medical Inc		
	123	WO	03/026496	A2	04-03-2003	Ethicon, Inc		
	124	wo	03/071957	A2	09-04-2003	Integrated Vascular		
	125	WO	03/094742	A1	11-20-2003	Velocimed LLC		
•	126	wo	2004/019791	1 A2	03-11-2004	Scimed Life Systems Inc		
	127	wo	2004/082532	2 A1	09-30-2004	EV3 Sunnyvale Inc.		
	128	wo	2004/09141	1 A2	10-28-2004	Velocimed PFO Inc		
	129	wo	2005/006990		01-27-2005	NMT Medical Inc		
	130	WO	2005/027753		03-31-2005	St Jude Medical		
	131	wo	2005/034738	3 A2	04-21-2005	Proximare Inc		

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Examiner Signature	<u>.</u> .	Date Considered	·

Substitute for form 1449B/PTO Complete if Known Application Number 10/811,228 INFORMATION DISCLOSURE March 26, 2004 Filing Date STATEMENT BY APPLICANT First Named Inventor GIFFORD, HANSON 3738 Art Unit Unassigned (use as many sheets as necessary) Examiner Name Sheet Attorney Docket Number 022128-000400US

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials *	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
	132	ANZOLA et al., "Potential Source of Cerebral Embolism in Migraine with Aura," <i>Neurology</i> (1999) 52(8): 1622	
	133	De CASTRO et al., "Morphological and Functional Characteristics of Patent Foramen Ovale and Their Embolic Implications," <i>Stroke</i> (October 2002), pp. 2407-2413	
	134	CORDIS CORPORATION, Cordis Ducor® Lumeleo™ Electorode Catheters [brochure], Cordis Corporation, (December 1984), 2 pages.	
	135	DEL SETTE, "Migraine with Aura and Right-to-Left Shunt on Transcranial Doppler: A Case Control Study," <i>Cerebrovas Dis</i> (1998) 8:327-330	
	136	GILLETTE, "Catheter Ablation in Dysrhythmias," Cardio, (March 1984), pp. 67-69	
	137	HO et al., "Morphological Features Pertinent to Interventional Closure of Patent Oval Foramen," <i>J Interventional Cardiology</i> , Vol. 16 No. 1, (2003), pp. 33-34	
_	138	KENNEDY et al., "High-burst-Strength, feedback-controlled bipolar vessel sealing," Surg Endosc (1998) 12:876-878	
	139	KOENIG et al., "Role of Intracardiac Echocardiographic Guidance in Transcatheter Closure of Atrial Septal Defects and Patent Foramen Ovale Using the Amplatzer® Device," <i>J. Interventional Cardiology</i> , (2003) 16 (1): 51-62	
_	140	MORADY, "Transvenous Catheter Ablation of a Posterospetial Accessory Pathway in a Patient with the Wolff Parkinson-White Syndrome," <i>The New England Journal of Medicine</i> , (March 15, 1984), 310(11): 705-707	
	141	MORANDI et al., "Transcatheter Closure of Patent Foramen Ovale: A New Migraine Treatment?" J Interventional Cardiology, (2003), 16(1): 39-42	
	142	PFLEGER, "Haemodynamic Quantification of Different Provocation Manoeuvres by Simultaneous Measurement of Right and Left Atrial Pressure: Implications for the Echocardiographic Detection of Persistent Foramen Ovale," <i>Eur J Echocardiography</i> (2001) 2: 88-93.	
	143	POLGAR et al., "A New Technique for Closed-Chest Human His Bundle Ablation Using Suction Electrode Catheter and DC Shock," In: Perez Gomez F, ed. Cardiac Pacing Electrophysiology Tachyarrhythmias. Madrid, Spain: Grouz Publishers; 1985:1582-1586	
	144	POLGAR et al., "Comparison of Two Different Techniques for Closed-Chest His Bundle Ablation," In: Perez Gomez F, ed. Cardiac Pacing Electrophysiology Tachyarrhythmias. Madrid, Spain: Grouz Publishers; 1985:1578-1587	
	145	POLGAR, "Closed Chested Ablation of His Bundle: A New Technique Using Suction Electorde Catheter and DC Shock," <i>Nachdruck Aus: Cardio Pacing</i> , (1983), pp. 883-890	

Examiner	Date	
Signature	Considered	

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Substitute for form 1449B/PTO Complete if Known Application Number 10/811,228 **INFORMATION DISCLOSURE** Filing Date March 26, 2004 STATEMENT BY APPLICANT First Named Inventor GIFFORD, HANSON Art Unit 3738 (use as many sheets as necessary) Examiner Name Unassigned Sheet Attorney Docket Number 022128-000400US

Examiner Initials *	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Т 2
	146	STUART, "What's All the Flap About PFO Closure?," Start-Up: Windhover's Review of Emerging Medical Ventures, (Nov 10, 2004), pp. 9-14	
	147	SZTAJZEL et al., "Patent Foramen Ovale, a Possible Cause of Symptomatic Migraine: A Study of 74 Patients with Acute Ischemic Stroke," <i>Cerebrovas Dis</i> (2002) 13: 102-106	
	148	THOMAS, "Patent Foramen Ovale with Right-to-left Shunting: Echocariographic Alternatives," Eur J Echocariography (2001) 2:74-75	
	149	WILMHURST et al., "Effect on Migraine of Closure of Cardiac Right-to-Left Shunts to Prevent Recurrence of Decompression Illness of Illness or Stroke or for Haemodynamic Reasons," <i>The Lancet</i> , Vol. 356, (November 11, 2000), pp. 1648-1651	
	150	WILMHURST et al., "Relationship between Migraine and Cardiac and Pulmonary Right to Left Shunts," Clinical Science (2001) 100:215-220	

		- 44
Examiner	Date	
Signature	Considered	
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance